

# Specifications BMW 3 Series Sedan.

## BMW 328i, BMW 335i.



|                                         |                    | BMW 328i Sedan                                                                                                                                                                                                                                                                                                                          | BMW 335i Sedan        |
|-----------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Body</b>                             |                    |                                                                                                                                                                                                                                                                                                                                         |                       |
| No. of doors/seats                      |                    | 4 / 5                                                                                                                                                                                                                                                                                                                                   | 4 / 5                 |
| Length/width/height (unladen)           | mm                 | 4624 / 1811 / 1429                                                                                                                                                                                                                                                                                                                      | 4624 / 1811 / 1429    |
| Wheelbase                               | mm                 | 2810                                                                                                                                                                                                                                                                                                                                    | 2810                  |
| Track, front/rear                       | mm                 | 1531 / 1572                                                                                                                                                                                                                                                                                                                             | 1531 / 1572           |
| Ground clearance                        | mm                 | 140.                                                                                                                                                                                                                                                                                                                                    | 140                   |
| Turning circle                          | m                  | 11.3                                                                                                                                                                                                                                                                                                                                    | 11.3                  |
| Tank capacity                           | approx. l          | 60                                                                                                                                                                                                                                                                                                                                      | 60                    |
| Cooling system incl. heating            | l                  | 7 (7.6)                                                                                                                                                                                                                                                                                                                                 | 6.7 (7.2)             |
| Engine oil <sup>1)</sup>                | l                  | 5.75                                                                                                                                                                                                                                                                                                                                    | 6.5                   |
| Weight, unladen, to DINEU               | kg                 | 1430 / 1505                                                                                                                                                                                                                                                                                                                             | 1510 / 1585           |
| Max load to DIN                         | kg                 | 550                                                                                                                                                                                                                                                                                                                                     | 550                   |
| Max permissible weight                  | kg                 | 1980 (2005)                                                                                                                                                                                                                                                                                                                             | 2060 (2070)           |
| Max axle load, front/rear               | kg                 | 920 / 1140                                                                                                                                                                                                                                                                                                                              | 965 / 1145            |
| Max trailer load, braked (12%)/unbraked | kg                 | 1600 / 745                                                                                                                                                                                                                                                                                                                              | 1700 / 750            |
| Max roof load/towbar                    | kg                 | 75 / 75                                                                                                                                                                                                                                                                                                                                 | 75 / 75               |
| Luggage comp. capacity                  | l                  | 480                                                                                                                                                                                                                                                                                                                                     | 480                   |
| Air drag                                | c <sub>d</sub> x A | 0.29 x 2.20                                                                                                                                                                                                                                                                                                                             | 0.30 x 2.20           |
| <b>Engine</b>                           |                    |                                                                                                                                                                                                                                                                                                                                         |                       |
| Config./No. of cyls./valves             |                    | in-line / 4 / 4                                                                                                                                                                                                                                                                                                                         | in-line / 6 / 4       |
| Engine technology                       |                    | BMW TwinPower Turbo, High Precision Direct Petrol Injection, fully variable valve control (VALVETRONIC)                                                                                                                                                                                                                                 |                       |
| Effective capacity                      | cm <sup>3</sup>    | 1997                                                                                                                                                                                                                                                                                                                                    | 2979                  |
| Bore/stroke                             | mm                 | 90.1 / 84.0                                                                                                                                                                                                                                                                                                                             | 89.6 / 84.0           |
| Compression ratio                       | :1                 | 10.0                                                                                                                                                                                                                                                                                                                                    | 10.2                  |
| Fuel grade                              |                    | min RON 91                                                                                                                                                                                                                                                                                                                              | min RON 91            |
| Output                                  | kW/hp              | 180 / 245                                                                                                                                                                                                                                                                                                                               | 225 / 306             |
| at                                      | min <sup>-1</sup>  | 5000-6500                                                                                                                                                                                                                                                                                                                               | 5800-6000             |
| Torque                                  | Nm                 | 350                                                                                                                                                                                                                                                                                                                                     | 400                   |
| at                                      | min <sup>-1</sup>  | 1250-4800                                                                                                                                                                                                                                                                                                                               | 1200-5000             |
| <b>Electrical system</b>                |                    |                                                                                                                                                                                                                                                                                                                                         |                       |
| Battery/Installation                    | Ah/-               | 90 / luggage comp.                                                                                                                                                                                                                                                                                                                      | 90 / luggage comp.    |
| Alternator                              | AW                 | 170 / 2380                                                                                                                                                                                                                                                                                                                              | 210 / 2940            |
| <b>Driving dynamics and safety</b>      |                    |                                                                                                                                                                                                                                                                                                                                         |                       |
| Suspension, front                       |                    | Aluminium double-joint spring strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive                                                                                                                                                                                           |                       |
| Suspension, rear                        |                    | Five-link axle in lightweight construction                                                                                                                                                                                                                                                                                              |                       |
| Brakes, front                           |                    | Single-piston swing-calliper disc brakes / vented                                                                                                                                                                                                                                                                                       |                       |
| Brakes, rear                            |                    | Single-piston swing-calliper disc brakes / vented                                                                                                                                                                                                                                                                                       |                       |
| Driving stability systems               |                    | Standard: DSC incl. ABS and DTC (Dynamic Brake Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant                                                                                                                                                     |                       |
| Safety equipment                        |                    | Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front, crash-activated head restraints at the front, crash sensors, Tyre Defect Indicator |                       |
| Steering                                |                    | Electromechanical rack-and-pinion power steering                                                                                                                                                                                                                                                                                        |                       |
| Steering ratio, overall                 | :1                 | 15.1                                                                                                                                                                                                                                                                                                                                    | 15.1                  |
| Tyres, front/rear                       |                    | 225/50 R17 94W                                                                                                                                                                                                                                                                                                                          | 225/50 R17 94W        |
| Rims, front/rear                        |                    | 7.5J x 17 light-alloy                                                                                                                                                                                                                                                                                                                   | 7.5J x 17 light-alloy |

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## BMW 328i, BMW 335i.

| BMW 328i Sedan                          |  |             |                                                                                                                                                                                                                                                                                                                                                    |               | BMW 335i Sedan |  |
|-----------------------------------------|--|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|--|
| <b>BMW ConnectedDrive</b>               |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| Comfort                                 |  |             | Optional: BMW Assist incl. Enquiry Service, remote-control functions and V-Info+ (Traffic Info plus), RTTI, BMW TeleServices, mobile device integration                                                                                                                                                                                            |               |                |  |
| Infotainment                            |  |             | Optional: internet access, BMW Online incl. Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming and Online Update Music Tracks                                                                                                                                          |               |                |  |
| Safety                                  |  |             | Optional: Adaptive Headlights with cornering lights, variable light distribution and adaptive headlight range control, High-Beam Assistant, Park Distance Control, rear view camera, Surround View incl. Side View and Top View, Head-Up Display, Parking Assistant, Lane Change Warning, Lane Departure Warning, Speed Limit Info, Advanced eCall |               |                |  |
|                                         |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| <b>Transmission</b>                     |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| Type of gearbox                         |  |             | Six-speed manual (optional: eight-speed automatic)                                                                                                                                                                                                                                                                                                 |               |                |  |
| Gear ratios                             |  | I           | :1                                                                                                                                                                                                                                                                                                                                                 | 3.683 (4.714) | 4.110 (4.714)  |  |
|                                         |  | II          | :1                                                                                                                                                                                                                                                                                                                                                 | 2.062 (3.143) | 2.315 (3.143)  |  |
|                                         |  | III         | :1                                                                                                                                                                                                                                                                                                                                                 | 1.313 (2.106) | 1.542 (2.106)  |  |
|                                         |  | IV          | :1                                                                                                                                                                                                                                                                                                                                                 | 1.000 (1.667) | 1.179 (1.667)  |  |
|                                         |  | V           | :1                                                                                                                                                                                                                                                                                                                                                 | 0.809 (1.285) | 1.000 (1.285)  |  |
|                                         |  | VI          | :1                                                                                                                                                                                                                                                                                                                                                 | 0.677 (1.000) | 0.846 (1.000)  |  |
|                                         |  | VII         | :1                                                                                                                                                                                                                                                                                                                                                 | ----- (0.839) | ----- (0.839)  |  |
|                                         |  | VIII        | :1                                                                                                                                                                                                                                                                                                                                                 | ----- (0.667) | ----- (0.667)  |  |
|                                         |  | R           | :1                                                                                                                                                                                                                                                                                                                                                 | 3.348 (3.295) | 3.727 (3.295)  |  |
| Final drive                             |  |             | :1                                                                                                                                                                                                                                                                                                                                                 | 3.909 (3.154) | 3.231 (3.154)  |  |
|                                         |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| <b>Performance</b>                      |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| Power-to-weight ratio                   |  |             | kg/kW                                                                                                                                                                                                                                                                                                                                              | 7.9 (8.1)     | 6.7 (6.8)      |  |
| Output per litre                        |  |             | kW/l                                                                                                                                                                                                                                                                                                                                               | 90.1          | 75.5           |  |
| Acceleration                            |  | 0–100 km/h  | s                                                                                                                                                                                                                                                                                                                                                  | 5.9 (6.1)     | 5.5 (5.5)      |  |
|                                         |  | 0–1000 m    | s                                                                                                                                                                                                                                                                                                                                                  | 25.4 (25.6)   | 24.3 (24.4)    |  |
| in 4th gear                             |  | 80–120 km/h | s                                                                                                                                                                                                                                                                                                                                                  | 5.4 / 6.9 (-) | 5.2 / 6.1 (-)  |  |
| Top speed                               |  |             | km/h                                                                                                                                                                                                                                                                                                                                               | 250 (250)     | 250 (250)      |  |
|                                         |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| <b>BMW EfficientDynamics</b>            |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| BMW EfficientDynamics standard features |  |             | Brake Energy Regeneration, Optimum Shift Indicator (manual gearbox), on-demand operation of ancillary units, intelligent lightweight construction, electromechanical power steering, tyres with reduced rolling resistance, map-controlled oil pump, disengageable a/c compressor                                                                  |               |                |  |
|                                         |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| <b>Fuel consumption EU<sup>2)</sup></b> |  |             |                                                                                                                                                                                                                                                                                                                                                    |               |                |  |
| Urban                                   |  |             | l/100km                                                                                                                                                                                                                                                                                                                                            | 8.5 (8.2)     | 11.1 (10.2)    |  |
| Extra-urban                             |  |             | l/100km                                                                                                                                                                                                                                                                                                                                            | 5.2 (5.2)     | 6.1 (5.5)      |  |
| Combined                                |  |             | l/100km                                                                                                                                                                                                                                                                                                                                            | 6.4 (6.3)     | 7.9 (7.2)      |  |
| CO <sub>2</sub>                         |  |             | g/km                                                                                                                                                                                                                                                                                                                                               | 149 (147)     | 186 (169)      |  |
| Emission rating                         |  |             |                                                                                                                                                                                                                                                                                                                                                    | EU5           | EU5            |  |

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)  
Figures in brackets apply to automatic transmission

<sup>1)</sup> Oil change volume

<sup>2)</sup> Fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format